

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000642

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61K 38/12; A61P 7/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Medline: Hemorrhage, Shock, Complement 5a,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Heller T, Hennecke M, Baumann U, Gessner JE, zu Vilsendorf AM, Baensch M, Boulay F, Kola A, Klos A, Bautsch W, Kohl J. Selection of a C5a receptor antagonist from phage libraries attenuating the inflammatory response in immune complex disease and ischemia/reperfusion injury. J Immunol. 1999 Jul 15;163(2):985-94. See the whole document, particularly the results and discussion on pages 991-993	1-23
Y	Younger JG, Sasaki N, Waite MD, Murray HN, Saleh EF, Ravage ZA, Hirschl RB, Ward PA, Till GO. Detrimental effects of complement activation in hemorrhagic shock. J Appl Physiol. 2001 Feb;90(2):441-6. See the whole document, particularly Figure 1, and the discussion.	1-23
Y	WO 1999/000406 (The University of Queensland, 7 January 1999). See the whole document.	1-23
T	Szebeni J, Baranyi L, Savay S, Gotze O, Alving CR, Bunger R, Mongan PD. Complement activation during hemorrhagic shock and resuscitation in swine. Shock. 2003 Oct;20(4):347-55. See the whole document, particularly the discussion.	1, 21



Further documents are listed in the continuation of Box C



See patent family annex

*. Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

16 June 2004

Date of mailing of the international search report

09 JUL 2004

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

JASON MACKENZIE

Telephone No : (02) 6283 7934

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000642

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	Harkin DW, Romaschin A, Taylor SM, Rubin BB, Lindsay TF. Complement C5a receptor antagonist attenuates multiple organ injury in a model of ruptured abdominal aortic aneurysm. J Vasc Surg. 2004 Jan;39(1):196-206. See the whole document.	1-23
A	Morikis D, Lambris JD. Structural aspects and design of low-molecular-mass complement inhibitors. Biochem Soc Trans. 2002 Nov;30(Pt 6):1026-36. Review. See pages 1030-1035.	1-23
A	Paczkowski NJ, Finch AM, Whitmore JB, Short AJ, Wong AK, Monk PN, Cain SA, Fairlie DP, Taylor SM. Pharmacological characterization of antagonists of the C5a receptor. Br J Pharmacol. 1999 Dec;128(7):1461-6. See the whole document.	1-23
A	Zimmermann T, Laszik Z, Nagy S, Kaszaki J, Joo F. The role of the complement system in the pathogenesis of multiple organ failure in shock. Prog Clin Biol Res. 1989;308:291-7. See the whole document.	1-23